PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

| Application or D | ocket Number |
|------------------|--------------|
|------------------|--------------|

10/690463

| | | CLAIMS AS | | | | | | SMALL EN | ITITY | | OTHER | |
|--|--|---|---|--|---|---|------|--|------------------------|----------------------|--|--|
| TOTAL CLAIMS | | | (Column 1) | | (Column 2) | | | TYPE | | OR | SMALL | |
| TOTAL CLAIMS | | | 13 | | | | | RATE | FEE | | RATE | FEE |
| FOR | | | NUMBER FILED | | NUMB | ER EXTRA | | BASIC FEE | 385.00 | OR | BASIC FEE | 770.00 |
| TOTAL CHARGEABLE CLAIMS | | | 13 min | 13 minus 20= | | * | | X\$ 9= | | OR | X\$18= | |
| INDEPENDENT CLAIMS | | | | * | | | X43= | | OR | X86= | | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | | | | | | +145= | | OR | +290= | |
| * If the difference in column 1 is less than zero, enter | | | | | "0" in c | olumn 2 | | TOTAL | | OR | TOTAL | 770 |
| | С | LAIMS AS A | MENDED | (Colur | nn 2) | (Column 3) | | SMALL E | ENTITY | OR | OTHER SMALL | |
| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGH NUM PREVIO PAID | BER OUSLY | PRESENT EXTRA | | RATE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| | Total | * | Minus | ** | | = | | X\$ 9= | | OR | X\$18= | |
| | Independent | * | Minus | *** | | = | | X43= | | OR | X86= | |
| • | FIRST PRESE | NTATION OF M | ULTIPLE DEF | PENDENT | CLAIM | | ا ا | +145= | | OR | +290= | |
| | | | | • | | | | TOTAL | | OD | TOTAL | |
| | | | | | | | | ADDIT CCC | | | VUDIT EEE | |
| | | (Column 1) | | (Colu | mn 2) | (Column 3) | | ADDIT. FEE | | | ADDIT. FEE | |
| | | (Column 1) | 1 | ľ | IEST . | (Column 3) | | ADDIT. FEE | ADDI- | | ADDIT. FEE | |
| ENT B | | | | HIGH NUM PREVI | IEST . IBER | PRESENT EXTRA | | ADDIT. FEE | ADDI- TIONAL FEE | | RATE | ADDI- TIONAL FEE |
| NDMENT B | Total | CLAIMS REMAINING AFTER | Minus | HIGH NUM PREVI | IEST IBER OUSLY | PRESENT | | | TIONAL | OR | | ADDI- TIONAL |
| MENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGH NUM PREVIO PAID | HEST IBER OUSLY FOR | PRESENT EXTRA = | | RATE | TIONAL | OR | RATE | ADDI- TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT | Minus | HIGH NUM PREVIO PAID | HEST IBER OUSLY FOR | PRESENT EXTRA = | | RATE X\$ 9= X43= | TIONAL | OR | X\$18= X86= | ADDI- TIONAL |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGH NUM PREVIO PAID | HEST IBER OUSLY FOR | PRESENT EXTRA = | | RATE X\$ 9= X43= +145= | TIONAL | OR | X\$18= X86= +290= | ADDI- TIONAL FEE |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * | Minus | HIGH NUM PREVIO PAID | HEST IBER OUSLY FOR | PRESENT EXTRA = | | RATE X\$ 9= X43= | TIONAL | OR | X\$18= X86= | ADDI- TIONAL FEE |
| AMENDMENT B | Independent | CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MI | Minus | HIGH NUM PREVIO PAID ** *** | HEST IBER OUSLY FOR | PRESENT EXTRA = | | RATE X\$ 9= X43= +145= TOTAL | TIONAL | OR OR | X\$18= X86= +290= | ADDI- TIONAL FEE |
| | Independent | CLAIMS REMAINING AFTER AMENDMENT * * * NTATION OF MI | Minus | HIGH NUM PREVICE PAID *** *** COLUMN HIGH NUM PREVICE NUM | HEST IBER OUSLY FOR | PRESENT EXTRA | | RATE X\$ 9= X43= +145= TOTAL | TIONAL | OR OR | X\$18= X86= +290= | ADDI-TIONAL FEE |
| | Independent FIRST PRESE | CLAIMS REMAINING AFTER AMENDMENT * * * * * (Column 1) CLAIMS REMAINING AFTER | Minus | HIGH NUM PREVICE PAID *** *** COLUMN HIGH NUM PREVICE NUM | MEST FOR T CLAIM | PRESENT EXTRA = = (Column 3) PRESENT | | RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE | ADDI- TIONAL | OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE | ADDI- TIONAL FEE |
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| AMENDMENT C AMENDMENT B | Independent FIRST PRESE | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus ULTIPLE DEF | HIGH NUM PREVICE PAID ** *** COOLUMN HIGH NUM PREVICE PAID ** *** | mn 2) HEST HEST FOR T CLAIM T CLAIM T CLAIM T CLAIM T CLAIM T CLAIM | PRESENT EXTRA = (Column 3) PRESENT EXTRA = = | | RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= | ADDI- TIONAL | OR OR OR | X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= | ADDI- TIONAL FEE |
| AMENDMENT C | Independent FIRST PRESE | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus ULTIPLE DEF | (Columer Paid Numer Pa | MD 2) HEST HEST HEST HEST HEST HEST HEST HEST | PRESENT EXTRA = (Column 3) PRESENT EXTRA = = | | RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= +145= | ADDI- TIONAL | OR OR OR OR | RATE X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86= +290= | ADDI- TIONAL FEE ADDI- TIONAL FEE |
| AMENDMENT C | Independent FIRST PRESE Total Independent FIRST PRESE If the entry in column the "Highest Number 1 N | CLAIMS REMAINING AFTER AMENDMENT * * * * * * * * * * * * * | Minus ULTIPLE DEF Minus Minus ULTIPLE DEF the entry in coluaid For IN THI aid For IN THI | HIGH- NUM PREVICE PAID ** *** COIU HIGH- NUM PREVICE PAID ** PENDEN' Imm 2, write S SPACE IS SPACE IS SPACE | T CLAIM T CLAIM | PRESENT EXTRA = (Column 3) PRESENT EXTRA = = olumn 3. an 20, enter "20 an 3, enter "3." | | RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE X\$ 9= X43= +145= TOTAL ADDIT. FEE | ADDI- TIONAL FEE | OR OR OR OR | RATE X\$18= X86= +290= TOTAL ADDIT. FEE X\$18= X86= +290= TOTAL ADDIT. FEE | ADDI- TIONAL FEE ADDI- TIONAL FEE |